

~~a painting step for forming~~ the polished casting to form a first resin coating layer on said polished surface after being polished; and

~~a plating step for forming~~ said painted casting to form a layer of a metal or a metal compound through a dry-type plating on a surface of said resin coating layer.

2. (Once Amended) ~~A surface treatment~~ The method for a light metal casting, as described in claim 1, wherein the predetermined condition of the pinholes generated on said polished surface is that the number and a maximum opening dimension of the pinholes generated in a predetermined area of the polished surface is not more than a predetermined value.

3. (Once Amended) ~~A surface treatment~~ The method for a light metal casting, as described in claim 2, ~~characterized in that~~ wherein the number of said pinholes is in the range of 1 to 15 per 100 cm<sup>2</sup> of said polished surface and said maximum opening dimension is not more than 2 mm.

4. (Once Amended) ~~A surface treatment~~ The method for a light metal casting, as described in claim 3, ~~characterized in~~ wherein that the number of said pinholes is in the range of 1 to 10 per 100 cm<sup>2</sup> of said polished surface, said maximum opening dimension is not more than 2 mm and the number of the pinholes having the maximum opening dimension of 1.0 to 2.0 mm is one or zero.

5. (Once Amended) ~~A surface treatment~~The method for a light metal casting, as described in any one of claims 1 to 4~~claim 1~~, characterized in that a wherein roughness of said polished surface obtained by said polishing step is 6.3  $\mu\text{m}$  in  $R_{\text{max}}$ .

6. (Once Amended) ~~A surface treatment~~The method for a light metal casting, as described in claims 1 to 5 characterized in that a thickness of wherein said first resin coating layer is not less than 10  $\mu\text{m}$  and not more than 40  $\mu\text{m}$  thick.

7. (Once Amended) ~~A surface treatment~~The method for a light metal casting, as described in claims 1 to 6, characterized in that wherein a transparent second resin coating layer (~~a topcoat layer~~) is formed on said metal or metal compound layer.

8. (Once Amended) ~~A surface treatment~~The method for a light metal casting, as described in claim 7, wherein each of said first and second resin coating layers includes a primer coating layer.

9. (Once Amended) ~~A surface treatment~~The method for a light metal casting, as described in claim 7, wherein a thickness of said transparent second resin coating layer (~~a topcoat layer~~) is not less than 20  $\mu\text{m}$  and not more than 50  $\mu\text{m}$  thick.

10. (Once Amended) ~~A surface treatment~~The method for a light-metal casting, as described in claim 1, wherein said polishing step is a barrel finishing process.

11. (Once Amended) ~~A surface treatment~~The method for a light-metal casting, as described in claim 1, wherein said plating step for forming a layer of a metal or a metal compound through said dry-type plating is a sputtering process.

12. (Once Amended) ~~A surface treatment~~The method for a light-metal casting, as described in claim 1, wherein said casting step includes a pressurizing step for applying, by a pressurizing pin, a pressurizing force to a predetermined portion of the molten metal of said light-metal material filled in a die cavity during a solidification process of said molten metal under high pressure.

13. (Once Amended) ~~A surface treatment~~The method for a light-metal casting, as described in claim 1, wherein said casting of said light-metal material is an aluminum wheel.

14. (Once Amended) A shiny aluminum vehicle wheel comprising, ~~characterized in that the~~a single-piece, unitary aluminum wheel, is cast by a high-pressure casting process, in which a molten metal of an aluminum material filled in a cavity of a die for casting a vehicle wheel is pressurized by an ejection plunger and in a solidification process of the molten metal, a thick portion of the cavity is pressurized

by a pressurizing pin arranged in the die, ~~so that~~wherein pinholes generated in a polished surface of ~~an~~the aluminum casting after being polished ~~has~~have a dimension of not more than 2.0 mm diameter and ~~has a number~~are not more than 15 per 100 cm<sup>2</sup> area in quantity; and ~~that~~wherein the aluminum wheel comprises a surface-treated layer wherein the casting surface is a barrel-polished to form a polished surface with a roughness Rmax of not more than 1.6 μm, a resin coating layer with a thickness of not less than 10 μm and not more than 40 μm is formed as an undercoat on an said polished surface, a dry-tape plating layer made of a metal or a metal compound is formed on said resin coating layer and a transparent topcoat layer is formed on said dry-tape plating layer so as to provide a design surface.

15. (Once Amended) A shiny single-piece, unitary aluminum vehicle wheel as described in claim 14, wherein said aluminum material is aluminum.

16. (Once Amended) A shiny single-piece, unitary aluminum vehicle wheel as described in claim 14, wherein said aluminum material is an aluminum alloy.